



Docket No: 04646.P003D

Patent

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Re Application of:

Jesse Salb

Application No.: 09/752,619

Filing Date: December 29, 2000

For: SYSTEM AND METHOD FOR
RADIOGRAPHIC IMAGING OF TISSUE

Examiner: D.L. Jones

Art Unit: 1616

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

RESUBMISSION OF INFORMATION DISCLOSURE STATEMENT

Sir:

Pursuant to the Examiner's request, attached hereto is a copy of the Information Disclosure Statement and PTO Forms 1449 and Forms 892 which were previously submitted to the Patent and Trademark Office on December 29, 2000. It is the Applicant's understanding that the Examiner has been unable to locate the copies of the cited art in the present divisional application or in the parent application to which the divisional application claims priority. However, it can be seen, from the forms, that these references were received and considered in the prior application.

It is respectfully requested that the cited documents be considered in the currently pending application and that the enclosed copy of Information Disclosure Citation Form PTO-1449 be initialed by the Examiner to indicate such consideration and a copy thereof returned to applicant(s).

Pursuant to 37 C.F.R. § 1.97, the submission of this Information Disclosure Statement is not to be construed as a representation that a search has been made and is not to be construed as an admission that the information cited in this statement is material to patentability.

If there are any additional charges, please charge Deposit Account No. 02-2666.

Respectfully submitted,

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

Dated: 10/27, 2004

James C. Scheller, Jr.
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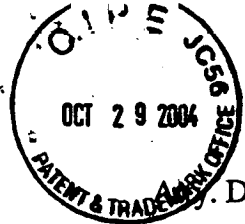
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Docket No. 04646.P003D

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Jesse Salb

Application No.

Filed: December 28, 2000

For: SYSTEM AND METHOD FOR
RADIOGRAPHIC IMAGING OF TISSUE

) Examiner: Unassigned

) Art Unit: Unassigned

Asst. Commissioner for Patents
Washington, D.C. 20231

INFORMATION DISCLOSURE STATEMENT

Sir:

Applicant hereby requests consideration of the enclosed Information Disclosure Statement pursuant to 37 C.F.R. §1.97(b). Attached are the PTO Forms 1449 and Forms 892 from the parent application filed on September 8, 1998 (Serial No. 09/149,734). This previous application is relied upon for an earlier filing date under 35 U.S.C. 120.

Pursuant to C.F.R. 1.98(d), copies of the references are not being provided herewith since they were previously sent to the Patent and Trademark Office. Please consider these cited documents in the currently pending 1.53(b) divisional application filed on December 28, 2000.

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Respectfully submitted,

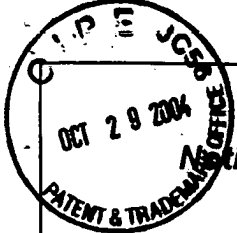
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Dated: 12/28, 2000

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Notice of References Cited

Application/Control No.

09/149,734

Applicant(s)/Patent Under
Reexamination
SALB, JESSE

Examiner

Armando Rodriguez

Art Unit

2877

Page 1 of 1

U.S. PATENT DOCUMENTS

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NON-PATENT DOCUMENTS

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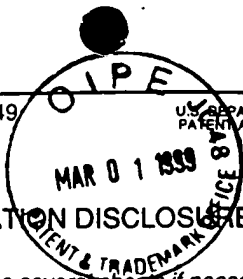
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Notice of References Cited

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Sheet 1 of 10

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PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

76958.P003

SERIAL NO.

09/149,734

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

APPLICANT

Jesse Salb

FILING DATE

9-8-98

GROUP

not yet assigned

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AL	3 7 0 1 7 7 1	10/31/72	Almen et al.	260	211R	6/26/70
AL	3 8 5 4 0 4 9	12/10/74	Mistretta et al.	250	402	12/10/73
AL	3 9 7 4 3 8 6	8/10/76	Mistretta et al.	250	402	3/27/75
AL	4 2 4 3 6 5 3	1/6/81	Sovak et al.	424	5	4/27/79
AL	4 2 5 0 1 1 3	2/10/81	Nordal et al.	564	153	8/24/79
AL	4 3 6 4 9 2 1	12/21/82	Speck et al.	424	5	3/6/80

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DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

AL	Agrawal S. et al., "Pharmacokinetics of oligonucleotides", <i>Ciba Foundation Symposium</i> 209, pp. 60-78 (1997).
AL	Aleshin A.E. et al., "The mechanism of regulation of hexokinase: new insights from the crystal structure of recombinant human brain hexokinase complexed with glucose and glucose-6-phosphate", <i>Structure</i> 6(1):39-50 (1998).
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EXAMINER

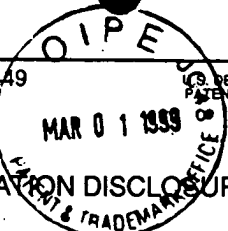
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Sheet 2 of 10

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APPLICANT

Jesse Salb

FILING DATE

9-8-98

GROUP

not yet assigned

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AR	4 4 5 5 2 9 2	6/19/84	Bertoni	424	5	4/5/82
AR	4 7 1 6 2 2 5	12/29/87	Ledley et al.	536	122	9/30/85
AR	5 1 4 1 7 3 9	8/25/92	Jung et al.	424	4	4/2/91
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AR	5 4 6 6 7 8 6	11/14/95	Buhr et al.	536	26.26	5/10/94
AR	5 6 1 0 2 8 9	3/11/97	Cook et al.	536	25.34	4/7/94

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

AR	Binder C. et al., "Deregulated simultaneous expression of multiple glucose transporter isoforms in malignant cells and tissues", <i>Anticancer Research</i> , 17:4299-4304 (1997).
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EXAMINER

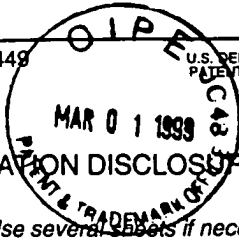
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Sheet 3 of 10

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PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
76958.P003SERIAL NO.
09/149,734

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

APPLICANT
Jesse SalbFILING DATE
9-8-98GROUP
not yet assigned

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AL	5 7 2 8 5 2 7	3/17/98	Singer et al.	435	6	6/7/95
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DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

AL	Dewanjee M.K. et al., "Noninvasive imaging of c-myc oncogene messenger RNA with indium-111-antisense probes in a mammary tumor-bearing mouse model", <i>J. Nuc. Med.</i> 35(6):1054-1063 (1994).
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AL	Friston K.J. et al., "Spatial registration and normalization of images", <i>Human Brain Mapping</i> 2:165-189 (1995).
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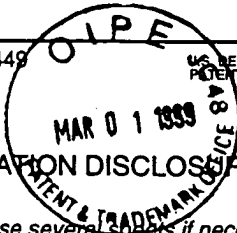
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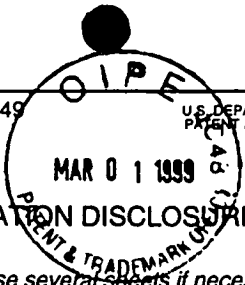
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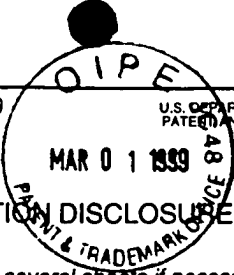
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INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i>				APPLICANT Jesse Salb			
				FILING DATE 9-8-98		GROUP not yet assigned	
U.S. PATENT DOCUMENTS							
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		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
AL		Hosokawa R., et al., "Myocardial kinetics of Iodine-123-BMIPP in canine myocardium after regional ischemia and reperfusion: implications for clinical SPECT", <i>J. Nucl. Med.</i> 38:1857-1863 (1997).					
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EXAMINER <i>Armando Rodriguez</i>				DATE CONSIDERED <i>8/22/00</i>			
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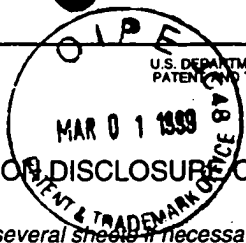
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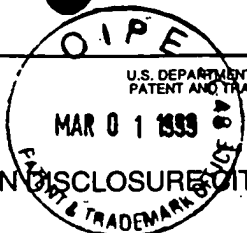
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						YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		
AK		Korman M. et al., "Toxicity of X-ray contrast media in cell cultures", <i>Invest. Radiol.</i> 15:68-71 (1980).
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AK		Meylan W.M., "Atom/fragment contribution method for estimating octanol-water partition coefficients", <i>J. Pharm. Sci.</i> 84(1):83-92 (1995).

EXAMINER <i>Armando Rodriguez</i>	DATE CONSIDERED <i>8/22/00</i>
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Sheet 8 of 10

Form PTO-1449
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

AK		Speck U., "Basic pharmacology of Iodinated contrast media", <i>Contrast Media</i> , pp. 1-13. Churchill Livingstone, NY (1988).
		St. Charles R. et al., "Molecular model of human beta-cell glucokinase built by analogy to the crystal structure of yeast hexokinase B", <i>Diabetes</i> 43:784-791 (1994).
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AR		van Dijk J.A. et al., "The current detectability of breast cancer in a mammographic screening program. A review of the previous mammograms of interval and screen-detected cancers", <i>Cancer</i> 72(6):1933-1938 (Sept 15, 1993).

EXAMINER

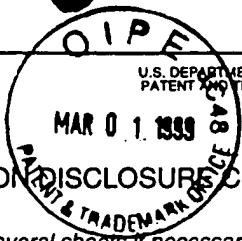
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Sheet 9 of 10

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

AR		Van Eenige M.J. et al., "Clinical value of studies with radioiodinated heptadecanoic acid in patients with coronary artery disease", <i>Eur. Heart J.</i> 11:258-268 (1990).
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		Willson M. et al., "Yeast hexokinase inhibitors designed from the 3-D enzyme structure rebuilding", <i>J. Enz. Inhib.</i> 12:101-121 (1997).
AR		Woods R.P. et al., "Automated image registration: I. General methods and intrasubject, intramodality validation", <i>J. Comput. Assist. Tomogr.</i> 22(1):139-152 (1998).

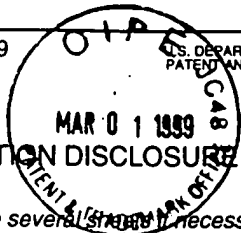
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76958.P003

SERIAL NO.

09/149,734

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

APPLICANT

Jesse Salb

FILING DATE

9-8-98

GROUP

not yet assigned

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

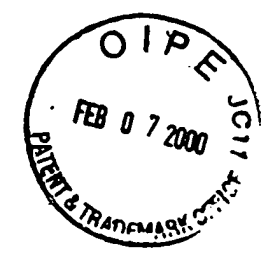
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

AL		Woods R.P. et al., "Automated image registration: II. Intersubject validation of linear and nonlinear models", <i>J. Comput. Assist. Tomogr.</i> 22(1):153-165 (1998).
AL		Woods R.P. et al., "MRI-PET registration with automated algorithm", <i>J. Comput. Assist. Tomogr.</i> 17(4):536-546 (July/Aug1993).

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



Sheet 1 of 1

Form PTO-1449
(REV. 8-83)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

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U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AL	5 1 9 8 9 7 7	3/30/1993	Salb	364	413.01	11/27/1990

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
					YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER

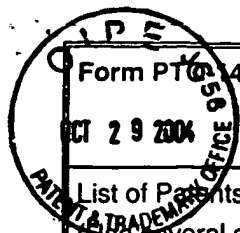
Armando Rodriguez

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8/22/00

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(12)



Form PT 1449 (Modified)

Docket No.:

Serial No.:

076958.P003

09/149,734

List of Patents and Publications Statement
(Use several sheets if necessary)

Applicant:

Jesse Salb

Filing Date: September 8, 1998

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

Examiner Initials		Document No.		Class	Sub- Class	Filing date if appropriate
AL	AA	5,093,042 3/3/92	Counsell et al.	260	408	4/20/90
	AB					
	AC					
	AD					
	AE					
	AF					
	AG					
	AH					
	AI					
	AJ					
	AK					

FOREIGN PATENT DOCUMENTS

No.		Document No.	Date	Country	Class	Sub- Class	Trans- lation
	AL						
	AM						
	AN						
	AO						
	AP						

OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)

AL	AR	Bech L. et al., "Metabolic effect of topical application of metrizamide to rat brain cortex," Acta Neurol. Scand. Vol. 72 pp. 427-431 (1985).
AL	AS	Guidolet J. et al., "Cardiovascular radiology. Subcellular localization of uro-angiographic contrast by 125I-labeled media," Invest. Radiol. Vol. 15 pp. S215-S219 (Nov-Dec. 1980).
AL	AT	Nordby A. et al., "Intracellular penetration and accumulation of radiographic contrast media in the rat kidney" (and discussion), Scanning Microsc. 4:3 pp. 651-666 (1990).

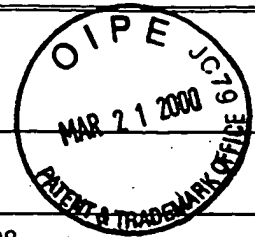
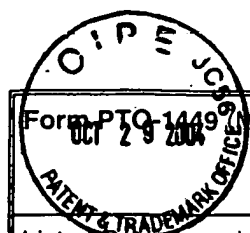
Examiner

Armando Rodriguez

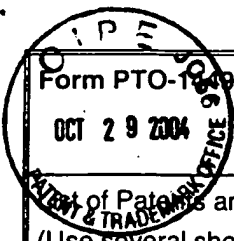
Date Considered

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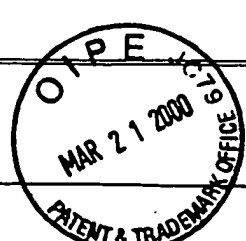
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Form PTO-1449 (Modified) OCT 29 2000		Atty Docket No.: 076958.P003		Serial No.: 09/149,734			
List of Patents and Publications Statement (Use several sheets if necessary)				Applicant: Jesse Salb.			
				Filing Date: September 8, 1998			
REFERENCE DESIGNATION			U.S. PATENT DOCUMENTS				
Examiner Initials		Document No.		Class	Sub- Class	Filing date if appropriate	
	AA						
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FOREIGN PATENT DOCUMENTS							
No.		Document No.	Date	Country	Class	Sub- Class	Trans- lation
	AL						
	AM						
	AN						
	AO						
OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)							
AL	AP	Nordby A. et al., "Incorporation of contrast media in cultured cells," Invest. Radiol. Vol. 24 pp.703-710 (Sept. 1989).					
AL	AQ	Nordby A. et al., "Effects on the ATP content of cultured cells after radiographic contrast media exposure. Evidence for accumulation of contrast media in cultured cells," Acta Radiol. Vol. 30 pp. 541-547 (1989).					
AL	AR	Nordby A. et al., "Short-term effects of radiographic contrast media on monolayer cell cultures and hepatocytes," Invest. Radiol. Vol. 22 pp. 603-607 (July 1987).					
Examiner Armando Rodriguez			Date Considered 8/22/00				
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							



Form PTO-1349 (Modified)
Attorney Docket No.: 076958.P003
Serial No.: 09/149,734



Statement of Patents and Publications
 (Use several sheets if necessary)

Applicant: Jesse Salb.
Filing Date: September 8, 1998

REFERENCE DESIGNATION		U.S. PATENT DOCUMENTS				
Examiner Initials	Document No.	Class	Sub-Class	Filing date if appropriate		
	AA					
	AB					
	AC					
	AD					
	AE					
	AF					
	AG					
	AH					
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FOREIGN PATENT DOCUMENTS							
No.	Document No.	Date	Country	Class	Sub-Class	Translation	
	AL						
	AM						
	AN						
	AO						
	AP						

OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)		
<i>AR</i>	AR	Nordby A. et al., "Effects of radiographic contrast media on monolayer cell cultures," Invest. Radiol. Vol. 21 pp. 234-239 (March 1986).
<i>AR</i>	AS	Weichert J.P. et al., "Polyiodinated triglyceride analogs as potential computed tomography imaging agents for the liver," J. Med. Chem. Vol. 38 No. 4 pp. 636-646 (1995).
	AT	

Examiner: *Aramando Rodriguez*

Date Considered: *8/22/00*

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449
(Modified) OCT 29 2004

Docket No.:
04646.P003

Serial No. 9/149,734

List of Patents and Publications Statement
(Use several sheets if necessary)

Applicant: Jesse Salb

Filing Date: September 8, 1998

REFERENCE DESIGNATION

PATENT DOCUMENTS

Examiner Initials		Document No.		Class	Sub-Class	Filing date if appropriate
AL	AA	4,887,604	Shefer et al.	128	654	05-16-1988
	AB					
	AC					
	AD					
	AE					
	AF					
	AG					
	AH					
	AI					
	AJ					
	AK					
	AL					
	AM					
	AN					
	AO					
	AP					

FOREIGN PATENT DOCUMENTS

No.		Document No.	Date	Country	Class	Sub-Class	Translation
AL	AQ	EP 0 270 340	06-08-1988	Europe			
AL	AR	WO 98/57669	12-23-1998	WIPO			
	AS						
	AT						
	AU						

OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)

AL	AV	PCT International Search Report for PCT Int'l Appln No. PCT/US99/20298 mailed April 25, 2000 (7 pages).
	AW	
	AX	
	AY	
	AZ	

Examiner

Armando Rodriguez

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